Proposed Amendment Not Official
S.N. 10/301,367

Listing of Claims

Claim 1 (currently amended): A method of recovering catalytic ~~metal~~ metals from a fluid comprising:

a) rinsing a substrate of catalytic metal colloids to form a composition comprising catalytic metal colloids; then

b) passing the composition comprising the catalytic metal colloids through a porous metal filter to concentrate the catalytic metal colloids as a precipitate on the porous metal filter; then

a) ~~concentrating catalytic metal colloids as a precipitate on a porous metal filter; then~~

b) c) removing the precipitate from the porous metal filter by backwashing the precipitate with a fluid; then

c) d) solubilizing the precipitate to form a solution; and then

~~d)~~ e) retrieving the catalytic metals from the solution.

Claims 2-3 (canceled)

Claim 7 (currently amended) The method of claim 1, wherein the porous metal filter ~~comprises~~ is derived from a metal foam, a ceramic foam, an aerogel foam, or metal powder.

Claim 16 (currently amended) The method of claim 1, wherein a terminal pressure of the porous metal filter ranges from about 40 psi to about 125 psi.

Claim 17 (currently amended) The method of claim 16, wherein the terminal pressure of the porous metal filter ranges from about 60 psi to about 100 psi.

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Claims 2-3 (canceled)

Claim 7 (currently amended) The method of claim 1, wherein the porous metal filter ~~comprises~~ is derived from a metal foam, a ceramic foam, an aerogel foam, or metal powder.

Claim 16 (currently amended) The method of claim 1, wherein a terminal pressure of the porous metal filter ranges from about 40 psi to about 125 psi.

Claim 17 (currently amended) The method of claim 16, wherein the terminal pressure of the porous metal filter ranges from about 60 psi to about 100 psi.